

ABSTRACT

According to the invention the labels (22) are produced in a broad woven fabric (21) comprising ground warp yarn (4) and ground weft yarn (5) for a ground woven fabric (11), embroidery weft yarn (12) which forms a figure and code weft yarn (10) which forms a barcode, said yarn being distinguishable from the ground warp yarn only in a light outside the visible spectrum. In the broad woven fabric (21) several labels (22) are produced whose longitudinal sides (1) adjoin each other in the weft direction and remain unfolded and whose lateral sides (2) are adjacent to each other in the warp direction and can be folded. The embroidery weft yarn (12) and the code weft yarn (10) extend parallel to each other and at a distance from the longitudinal sides (1) so that the backs of the labels (22) are evenly covered and thus uniformly transparent. The broad woven fabric (21) is cut along the lateral sides (2) into strips (25) each consisting of transverse labels (22) which are situated one behind the other in the warp direction. The labels (22) are then separated into individual labels by cuts along their longitudinal sides (1), which produces soft cutting edges (16) in the ground woven fabric (11) which do not irritate the skin.

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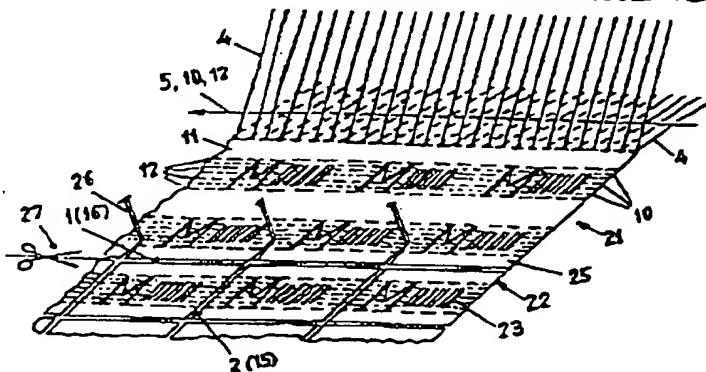
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(54) Title: METHOD OF PRODUCING LABELS WITH AN INVISIBLE BARCODE ON A WEAVING MACHINE AND LABEL PRODUCED USING SUCH A METHOD

(54) Bezeichnung: VERFAHREN ZUR HERSTELLUNG VON ETIKETTEN MIT EINEM UNSICHTBAREN BARCODE AUF EINER WEBMASCHINE UND ETIKETT, HERGESTELLT NACH EINEM DERARTIGEN VERFAHREN



(57) Abstract: According to the invention the labels (22) are produced in a broad woven fabric (21) comprising ground warp yarn (4) and ground weft yarn (5) for a ground woven fabric (11), embroidery weft yarn (12) which forms a figure and code weft yarn (10) which forms a barcode, said yarn being distinguishable from the ground warp yarn only in a light outside the visible spectrum. In the broad woven fabric (21) several labels (22) are produced whose longitudinal sides (1) adjoin each other in the weft direction and remain unfolded and whose lateral sides (2) are adjacent to each other in the warp direction and can be folded. The embroidery weft yarn (12) and the code weft yarn (10) extend parallel to each other and at a distance from the longitudinal sides (1) so that the backs of the labels (22) are evenly covered and thus uniformly transparent. The broad woven fabric (21) is cut along the lateral sides (2) into strips (25) each consisting of transverse labels (25) which are situated one behind the other in the warp direction. The labels (22) are then separated into individual labels (22) by cuts along their longitudinal sides (1), which produces soft curling edges (16) in the ground woven fabric (11) which do not irritate the skin.